Data Sheet
Model: BCF13/8-SY
General Purpose Chamber Furnace

INTRODUCTION

Sylab Scientific Pvt. Ltd., under technical collaboration with Elite Thermal Systems Ltd, UK, manufactures high quality furnaces in India.

Elite Thermal Systems, based in UK, is a 30-year-old furnace manufacturing company with strong brand recognition across the globe.

Sylab Scientific delivers high-quality solutions by leveraging technical expertise and components sourced from Elite Thermal Systems Ltd, UK.

BCF13-SY is a fast-heating furnace for general purpose use, where clean operating conditions prevail. Good temperature uniformity is achieved by the use of open heating elements retained in low thermal mass chamber wall panels with capacity ranging from 5-litre to 45-litre in standard versions. Other chamber capacities/volumes are offered in custom-built models.

The **BCF13/8-SY** chamber furnace has a 8-liter capacity.

BCF13/8-SY

SPECIFICATIONS

Maximum Temperature: 1300°C

Maximum Continuous Temperature: 1250°C

- Chamber dimensions (mm): 180 x 190 x 235 (H x W x D)
- Two-sided panel heating elements of ceramic fibre containing wire spirals freely radiating from sinusoidal grooves
- Compact bench mounted design
- Energy efficient, high quality, low thermal mass insulation
- Vertically lifting door keeps the hot surface away from the user
- Positive break door safety switch isolates heating elements from power supply when door is open
- ELITE PID controller offering 8 programs with 8 segments each
- Small ceramic chimney and Hard Ceramic hearth tile are fitted as standard
- **External Dimensions (mm):** 680 x 535 x 520 (H x W x D) (Indicative)
- **Net Wt.:** 41 kg
- Supply / Power: 230V– 1 Phase – 2.0 kW

OPTIONS

- Independent Over-temperature protection system
- Multi segment, multi program storage Controller
- Powered exhaust, Chimney with fan

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